

R With Git and Github

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1 Setup

Section 1

Setup

Install Git

Git allows us to track changes to our documents (i.e. Git is version control).

- Check if git is already installed: `which git`

`#> /usr/bin/git`

- Install git for Windows: <https://gitforwindows.org/>
- Install git for Mac: `brew install git`
- Install git for Linux:
 - Ubuntu or Debian: `sudo apt-get install git`
 - Fedora or RedHat: `sudo yum install git`

Configure Git

- Introduce yourself to git

```
usethis::use_git_config(user.name = "first last",  
                        user.email = "github email")
```

- Ensure set-up was successful

```
git config --global --list
```

```
#> user.name=Aris Paschalidis
```

```
#> user.email=aris.paschalidis@gmail.com
```

Managing Git(Hub) Credentials¹

- Adopt HTTPS
- Secure your account with 2FA
- Create a PAT: `usethis::create_github_token()`
- Store PAT into the Git credential store: `gitcreds::gitcreds_set()`

¹Following the usethis guide